

Serial No. 10/091,147

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE the paragraphs at page 12, lines 4-22, with the following paragraphs:

Fig. 3 is a flowchart of branch prediction according to the present invention.

At step ~~[[S1]]~~ 1, a check is made as to whether the BTB unit 25 hits. If it hits, the procedure goes to step ~~[[S3]]~~ 3. In the case of a miss, the procedure goes to step ~~[[S2]]~~ 2.

At step ~~[[S2]]~~ 2, since the BTB unit 25 does not hit and the branch destination address 25b is not available, a prediction that there will no branching is made.

At step ~~[[S3]]~~ 3, a check is made as to whether the tag-attached PHT unit 23 hits. If it hits, the procedure goes to step ~~[[S5]]~~ 5. In the case of a miss, the procedure goes to step ~~[[S4]]~~ 4.

At step ~~[[S4]]~~ 4, a branch prediction is made based on the bias bit 25c of the BTB unit 25.

At step ~~[[S5]]~~ 5, a branch prediction is made based on the count value 23b of the tag-attached PHT unit 23.

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IN THE TITLE:

Please delete the existing title and substitute therefor –APPARATUS AND METHOD FOR BRANCH PREDICTION WHERE DATA FOR PREDICTIONS IS SELECTED FROM A COUNT IN A BRANCH HISTORY TABLE OR A BIAS IN A BRANCH TARGET BUFFER–.